BOOK

ons		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

354330

Serial No. 1st and Final

Name of Work Improvements to Road drain and foot path c/s main and cross roads of Sahakaranagar D Block c/s Ward no-18 Kodigehalli

Name of Contractor or nature of Agency

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CE SV cost :- Rs 30-00 Lkhs		Jobs No:		008-17-000030		
	Modified Work order No: CE(BTP)WSD/37/2017-18 dtd 22/12/17						
	Agency: KRIDL						
	A-S No: BBMP/JC/YNK/AS/03/2017/18 date: 6.4.17.						
	T.S. No: BBMP/CE/YNK/TS PR/05/17-18. date: 20.11.17.						
	Date of starting: 22/12/2017						
	Date of recording: 20/1/2018						
	Date of Completion 20/1/2018						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
2nd ①	Removing and refixing of Stone slabs of drains and pointing 1:3 cm thick wide pm 354392-396/Thus MB - ① 48·72 + ② 88·20 + ③ 348·42 + ④ 239·58 + ⑤ 149·58 =					2625·48 m²	
	@ Rs 80·50/m²						Rs 211,508·00
2nd ②	Earthwork excavation for road, drain and similar works in ordinary soil involving an average lead upto 2m and average lift upto 1·0m Complete as per specification 50 thick wide pm 354398/Thus MB -					503·31 cm	

M.

Serial No. .....

Name of Work ..... F

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
2nd ①	providing and laying Cement Concrete of m Cement @ 220 kgs/ Size granite coarse a fine aggr @ 0·46 cm Credit Canal cess [illegible]

BOOK

s		Contents	Reference to last Measuremen
dth	Depth	7	8
	6		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Materials, Labour. Hire of machinery carrying Complete as per Specification vdy vp no 354399 / of thus mo -					81.75 82.85 cum	437261-
	CR 5348.76/m3						R 443,144-00
Inv (4)	providing and Constructing load bearing wall with Solid Concrete blocks of size 400x200x200 mm having block density not less than 1800 kg/m3 including cost of all materials, labour charges, Scaffolding carrying complete as per Specification						

M. A.
Mea

Serial No. .....
Name of Work ..... From.
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	vdy vp no 354402	
	CR 993.	
Inv (5)	providing and Constru bearing wall with Solid of size 400x100x200 mm density not less than 18 Average Compressive stre including cost of all	

BOOK

s		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
...ng ...cepn		81.75	
nB -		81.87 cum	437261-
			R 443144.00
...und bea...			
... blocks			
...g blocks			
...m³ inc...			
...bed			
...complete			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354332

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Ishy vp no 354400 / Thus mB -					505.00 m²	
	@ R 993.22/m²						R 501172.00
Inv:	providing and constructing non load bearing wall with solid concrete blocks of size 400 x 200 x 200 mm having block den. not less than 1850 kg/m³ and average compressive strength 4.0 N/mm² including cost of all materials, labour						

B.C.M. 4 to 5

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	charges Scaffolding Complete as per Specification Qty vide no 35436 7/Hts MB CR, 758.80 sq m					511.20 538.40 sq m	
						387980 Rs 4,08,624.20	
ino ⑥	providing and Constructing grade I Size stone masonry in basement cm Cm 1:4 cm course not less than 15cm high band stone at any place including cost of materials, labour charges Complete as per Specification						

M. A.
Mea

Serial No. .....
Name of Work ..... From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	Qty vide no	3543
	CR 550	
ino ①	providing and Laying cement Concrete 1:4 (1 cement with opc cement @ 3 and down size grade aggr @ 0.7 cum and 0.47 cum, Machine	

IT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
as per		511.20 538.40 m	
—	—	—	387980 — Rs 4,08,624=00
grade cement con than ary past bus ceiling the			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354333

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty vpw	35436	1	1	MB -	12.15 m³	Rs 64,459=00
	CB 5305.35/m³						
Ano. ①	providing and laying cement concrete in m.p. m.25 with opc cement @ 340 kg's with 20mm and down size graded granite aggr @ 0.72 cum and the aggr @ 0.47 cum, Machine mixed concrete						

A-204 Sheet

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	laid cen layer not exceeding 15cm thick including cost of all materials, labour, hire of machinery, curing complete as per specification Qty rip no 354368 / thro MB –					56.36 m³ @ ₹ 6749.02/m³ ₹ 3,80,374=00	
Inv. 8	providing flush pointing to rubble stone masonry with cm 1:3 2cm deep after raking joints to depth of 2cm nicely using including cost of materials, labour, curing etc complete as per specification						

M. A
Me

Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	Qty rp no 3543 @ ₹ 174.	
Ino 9	providing stanki s kity roughly dressed 10cm thick and fixed using fixing cement @ Qty rde pno 3543	

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
...g l/ing ...mated - ..., curing			
...nB -		56.36 m³	₹ 3,80,374=00
...ble time ...eep after ...n mixing ...lering, ...as per			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354334

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty rpm 354368 Item no mB -					27.00 m²	
	CR 174.90 m²						₹ 4722.00
2no —	(9) providing & laying in position ready mix concrete of specified grade & size as per design, mix design & test reports to be submitted by the contractor & approved by the Engineer-in-charge, including all lifts, leads, curing, finishing, etc complete - Qty vide pno 354393 to 396						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Missing Slabs bdry a (a) 78.58 + (b) 54.90 + (c) 97.98 + (d) 77.82 + (e) 218.94					= 528.22 m²	
					bdry wall to	517.59 m²	
	(R825.74/m²)						R 427394.00
Ino (10)	providing edges chamfering rg to Stone Slabs 210cm wide as per Specification (only chamfered length shall be recorded)						
			517.59 ÷ 0.60 = 863 Nos				
			863 Nos × 3.00 m = 2589 m				
	(R37.10/m)						R 96051.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
Ino (11)	Machine cutting bdry &
Ino (12)	providing on Stone Slab as

OK

Depth 6	Contents 7	Reference to last Measurement 8
②218.94		
= 528.22 m²		
+ 517.59 m²		
	R. 4,27,394=00	
ine		
d)		
563 No's		
- 2589 m/r		
	R. 96,051=00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354335

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
1no (11)	Machine cutting					2589 m/r	
	ylg same as 4 no (10)						R. 1,55,340-00
	@ 60/m/r						
1no (12)	providing one line dunting to glass						
	stone slab as per specification						
	ylg side 1 no (9)					517.59 m²	29912-
	@ Rs 577.70/m²						R. 2,99,075-00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
SNV (13)	Providing and laying pre-cast Solid Concrete kerb stone of size 450×200 400 mm made of CC1:2:4 and finished with cm1:3 plastering and finishing curing etc. Complete						
		1	× 2430	nos		2430	
		(R385.84)	Each			R 937591.00	
SNV (14)	providing and applying readymix priming coat over concrete surface including preparing the surface after thoroughly cleaning of all grease, including cost of materials						

M. A
Me

Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	Labour, Complete as pe	
	(A)	1×159
		1×32
		1×27
		1×24
		1×31
		1×7
	(B)	1×3
		37
		1×

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
coor Solid 450>200 nd finis- nd finis- nos . 2430 Each bdry m.y nofree in- gree ofts Reace, ch			R 93,759·00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354336

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Labour, complete as per Specification						
	(A)	1	59.10	0.40	-	63.60 m²	
		1	32.00	0.40	-	12.80	
		1	27.00	0.40	-	10.80	
		1	24.00	0.40	-	9.60	
		1	31.00	0.40	-	12.40	
		1	7.00	0.40	-	2.80	
		1	90	0.40	-	36.00	
	(B)	3	37.00	0.40	-	44.40	
		1	7.00	0.40	=	2.80	
						193.20 m²	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	195.20	
1	2	3	4	5	6	7	8
	(c)	2	7.50	-	0.40	60.00 m²	
		2	5.00	-	0.40	45.20	
	(b)	(2+5)	30.00	-	0.40	120.00	
		(2+1)	9.00	-	0.40	7.20	
					To Total qty	427.60 m²	
						Rs 11,784.00	
			Rs 27.56/m²				
	in (c) Providing and applying spray painting with two coats (excluding priming coat) over Concrete surface including cost of materials, Labour Complete as per Specification						

M. A. R
Meas

Serial No. .....
Name of Work ..... From...
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	Total qty	Same
		Rs 69.4
	in (b) Wrought iron and mi... work (using angles, squ... and sheets) including fra... three guards of any &... etc including cost of ... Welding Complete as

BOOK

adth 5	Depth 6	Contents 7	Reference to last Measurement 8
	0.40	60.Nm²	
	0.40	45.20	
	0.40	120.nn	
	0.40	7.20	
To Abd qty		427.60m²	
		R/ 11,784=00	
r painting			
ng (2nd)			
nding			
ete as			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354337

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty Same as CR 69.46/m²						
Item (16)	Wrought iron and mild steel Welded work (using angles, squarbars and channels) grating frames, gates and tree guards of any size and design etc including coat of screen and Welding complete as per specification	Lno. (14)				427.60m²	R/ 29,914=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		10	0.4m	0.4m	-	2.02 m³	
		2.02 m³ @ 25 kg/m³.				50.63 kg	
						0.51 Qty	
							R. 3423.00
	@ R. 6711.92/ Qty						
Sno. (17)	loading and unloading of stone bulde placing tipper at loading point loading with front end loader, dumper and transfer to various trip Completer Historical debris	(1×12)	24.50	2.00	0.30	97.20 cm	
		(1×14)	6.00	1.80	0.30	81.00 m	
		(1×7)	3.00	2.00	4.80	33.60 m	
		(1×4)	3.80	2.00	1.20	36.48 m	
						247.97	

M. A
Me

Serial No. .....
Name of Work ..... Fron
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	Qty wide	
	@ Rs. 10	
Sno. (18)	providing and fix Pre cast reinforced Co design and drawing transportation Complete and left inclusive of	

NT BOOK

nensions			Reference to last Measurement
Breadth 5	Depth 6	Contents 7	8
04r	-	2·02 m²	
25kg	m².	50·62kg	
	Sum	0·51 Qty	
		R 3423·00	
rne			
d 2g PG20			
kempner			
Complete			
-N	0·30	97·20 cu	
8N	0·7	81·m	
-N	4·8	33·60	
-DO	1·20	36·48	
		247·97	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354338

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty wide no 354398 / this MB.					507·31	
				Total Qty		755·28 m³	
							R 80,059·00
	@ Rs 106/m³						
	Providing and fixing 10 cm thick Pre cast reinforced Concrete Slab as per design and drawing materials cost transportation Complete with all cost and left inclusive of cost of all materials						

B.O.M. 354338

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Defence Ur 1st crs	1>	114.0 mt	-		114.0 mt	
		1>	36.0 mt	-		36.0 m	
	Ward gate Rd	1>	90.0 mt	-		90 m	
						240.0 m	
Verified			240>	0.90	=	216.00 m²	
	missing	23	0.90	0.60	=	12.42 m	
				Total	Qty	228.42 m²	
						R/406073-00	
	@ Rs 1777.75/m²					447109-00	
			Total Amount Rs			45,03,691=00	
	10% Rio charges 9%					4,05,332=00	
				Total	Amt	R/49,09,023=00	

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore

Total Rs: 48,80,049-00

M. A. R.
Measu

Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	Certificate	
	(1) The works completed	
	(2) The Contractor has removed debries from site	
	(3) The Contractor has given men and ma	

BOOK

s		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
		114.00 m²	
		36.00	
		90.00	
		240.00 m	
		216.00 m²	
		12.42 m	
		228.42 m²	
		R 4,06,073-00	
		44,771.09	
Amount Rs		45,03,691-00	
		40,394.00	
		4,05,332.00	
9 %			
Total Amt		Rs 49,09,023-00	
		Total Rs: 48,80,049-00	

M. A. R. 57 (Rule 116)
Measurement Book

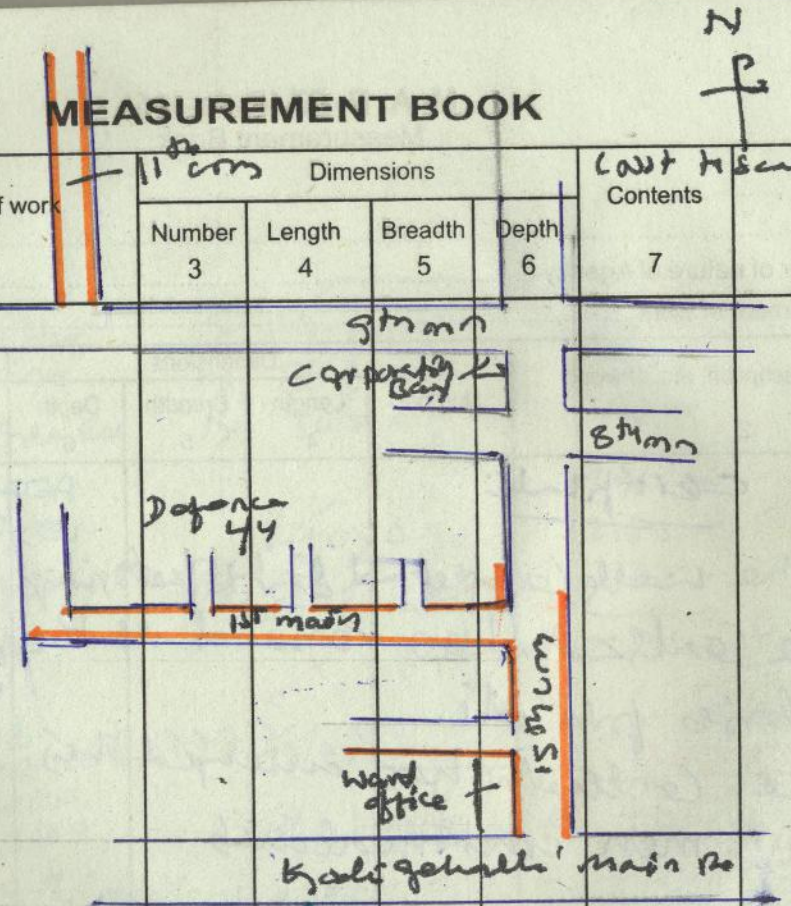
No. B 354339

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Certificate					Accepted as measured & full & finished work	
	(1) The work is completed & satisfactorily						
	(2) The Contractor has removed all the debries from site						
	(3) The Contractor has returned his own men and materials						
						Assistant Executive Engineer Byatarayanapura Sub-division KRIDL, BBMP, Bangalore	
						Assistant Executive Engineer Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P.	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Assistant Executive Engineer
Yelahanka Zone

M. A. R. 57 (
Measureme

Serial No. .....
Name of Work ..... From.....
Name of Contractor of na .....
Date of commencement of work .....

Date	Full description, etc, of work	Number	Length
1	2	3	4

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 48,80,049-00
ಗ ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ. 4538 44
ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 4426 205
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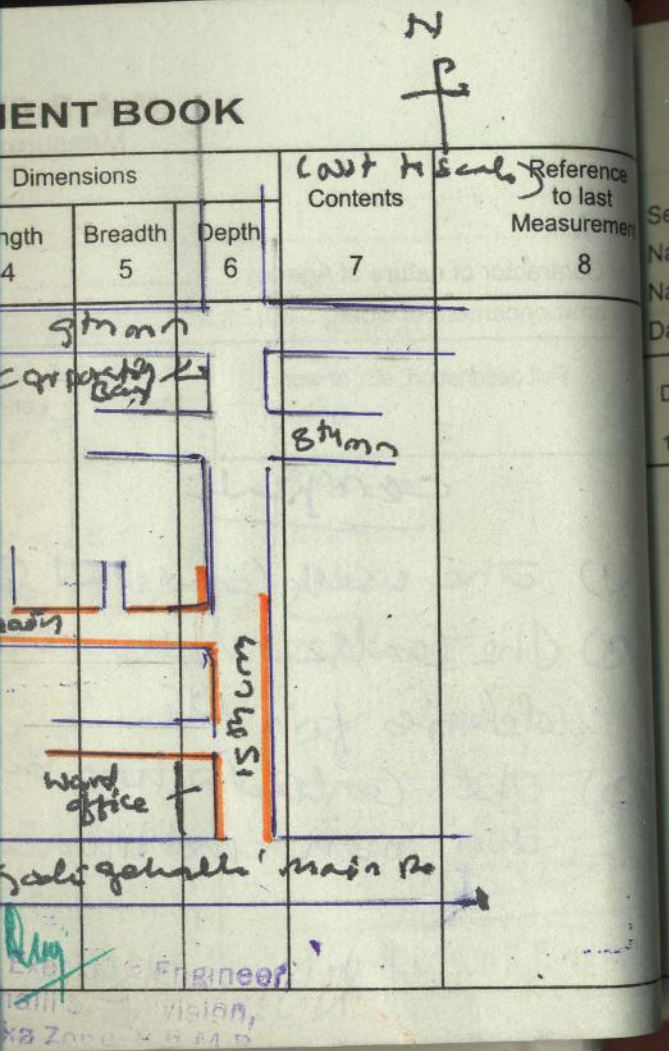
ಲೆಕ್ಕಾಧೀಕ್ಷಕರು

IENT BOOK

Dimensions			Contents	Reference to last Measurement
ngth 4	Breadth 5	Depth 6	7	8



M. A. R. 57 (Rule 116)
Measurement Book

No. B 354340

Serial No. .....
Name of Work .....
Name of Contractor of na.....
Date of commencement of work .....
From..... To.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 48,80,049-ಅ ಗಳಿ ಮಾಡಿದೆ: ಇದರಲ್ಲಿ ರೂ 453844-ಅ ಮುಂಪಾವತಿ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 4426205- Rs Fourty four Lakh. + Wenty Six Thousand + two Hunered five only. ಈ ಮುಖಾಂತರ ಪಡೆಯಲಾಗಿದೆ ಲೆಕ್ಕಾಧೀಕ್ಷಕರು ಅ ಪಾ ಅ ಪ್ರಧಾನ ಮುಖ್ಯ ಅ					Total Rs: 48,80,049-ಅ IT. 97601-00 Cess- 48800-ಅ CBF. 4880-ಅ L R- 58561-ಅ FSD - 244002-ಅ Adj - 453844-ಅ Cheque 44,26,205-00	